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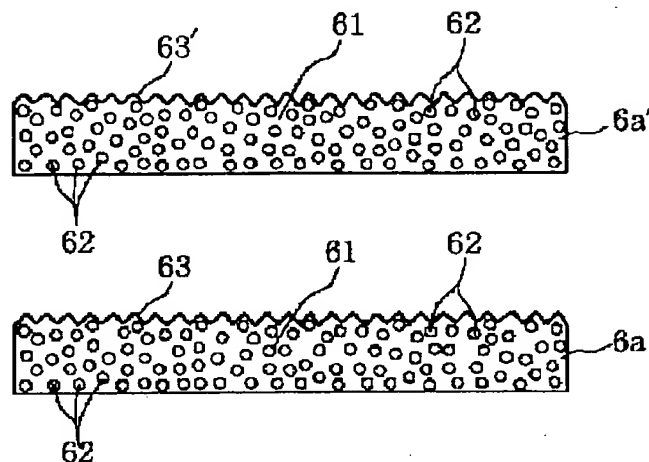
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APPLICATION NUMBER : 06289683

APPLICANT : SEKISUI CHEM CO LTD;

INVENTOR : NAKAMURA HIROZO;

INT.CL. : G02B 5/02 G02F 1/1335

TITLE : LIGHT-DIFFUSING SHEET



ABSTRACT : PURPOSE: To provide a light-diffusing sheet which can satisfy all requirements such as high luminance and high diffusing property and a thin sheet.

CONSTITUTION: This sheet consists of a thermoplastic transparent plastic sheet 61 in which transparent acryl beads 62 having a different refractive index than that of the plastic sheet 61 are uniformly dispersed. The surface of the transparent plastic sheet 61 is embossed. Since transparent beads (diffusing material) 62 are uniformly dispersed in the sheet base body 61, light is enough diffused during passing through the sheet base body 61. Moreover, light is further diffused on the surface which is subjected to embossing treatment. Thus, diffusion performance can be improved without decreasing the luminance. Moreover, the sheet can be made thin compared with the conventional structure of a sheet produced by applying a diffusing layer on a sheet base body 61.

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